



NOAA FISHERIES

PACIFIC COASTAL SALMON RECOVERY FUND
PROJECT AND PERFORMANCE METRICS DATABASE



PACIFIC COASTAL SALMON RECOVERY FUND (PCSRF)

PUBLIC USER GUIDE

SCIENTIFIC DATA MANAGEMENT TEAM -

NORTHWEST FISHERIES SCIENCE CENTER

SDM HELP DESK (206) - 860 - 3433

NWFSC.SDM@NOAA.GOV

FEBRUARY 2014

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REVISION HISTORY

<i>Version No.</i>	<i>Date</i>	<i>Change Number</i>	<i>Author</i>	<i>Revision Activity Description</i>
2.0	11/12/2013	1	Gene Ambacher	Draft version – Pre-Release
2.0	1/29/14	2	Gene Ambacher	Minor Fixes and map revision
2.0	2/12/2014	3	Gene Ambacher	Repaired corrupted document, included reviewer edits

WELCOME TO PCSRF

Welcome to the Pacific Coastal Salmon Recovery Fund (PCSRF) online system. This guide shows you how to do the following:

- View project data and descriptions
- Create project performance and accomplishment reports
- View project locations and details on a scalable map
- Browse projects by category or recovery domain
- See information on grantees
- View graphs of funds by category as pie charts or bar charts

SYSTEM REQUIREMENTS

Supported Web Browsers

Platform	Browser
Windows	Internet Explorer , Firefox, Chrome, Safari, Opera, AOL
Macintosh - OS X	Safari, Firefox, Chrome, Opera, AOL Desktop
Linux	Firefox, Chrome, SeaMonkey

GETTING HELP

Pacific Coastal Salmon Recovery Fund (PCSRF) Project and Performance Metrics Database

[NOAA Northwest Fisheries Science Center](#)

Scientific Data Management

2725 Montlake Blvd. E

Seattle, WA 98112

Technical Support: (206) 860-3433

HOME PAGE

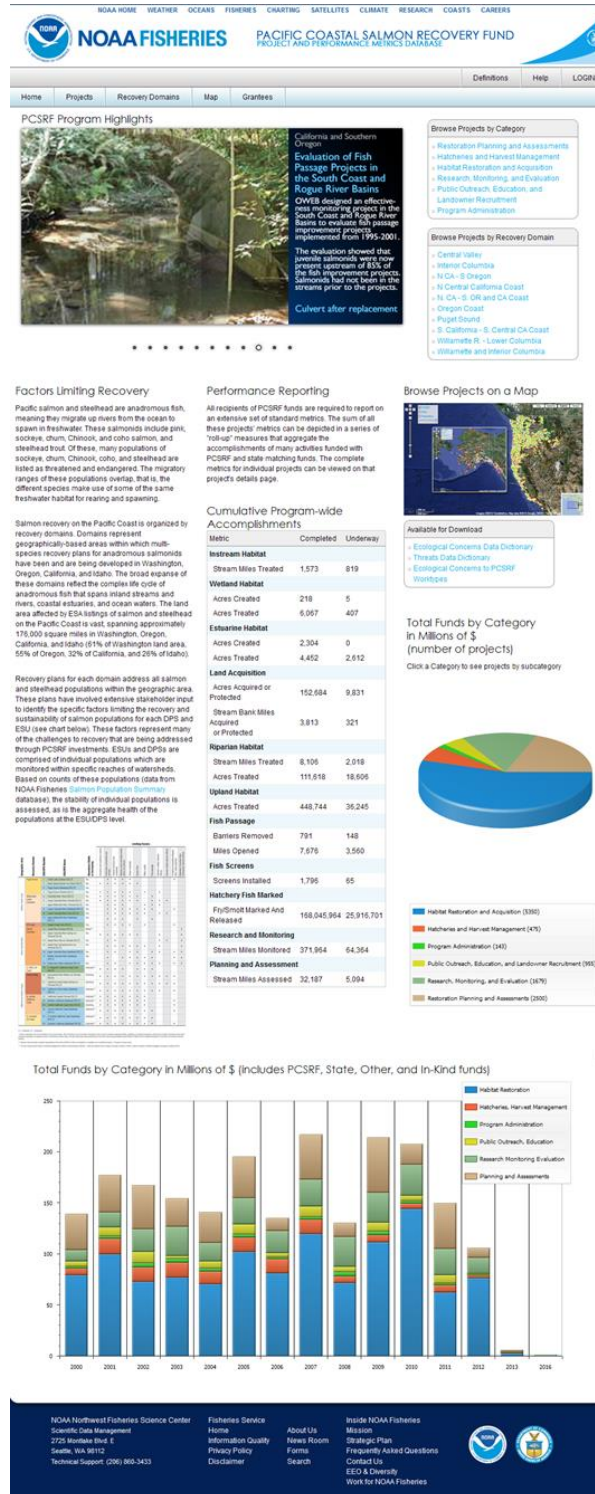
The online PCSRF system can be accessed from [PCSRF Home Page](#).

The example to the right is the home screen for the PCSRF public web application. The following pages provide details on this web page and web pages linked to it.

Links and other important points will have red circles around them for reference.

The PCSRF home page displays program highlights, summaries of the factors limiting recovery and performance reporting. It provides links to specific reports by project category and recovery domain, map locations and customizable report pages. It also provides graphs of funds by category in both pie chart and bar chart formats.

Note: Screen captures contained in this document use example data and do not necessarily reflect real data. Revisions to the PCSRF application and this document are made periodically and may not match exactly.



PCSRF HOME PAGE DETAILS

At the top of the screen are links to other NOAA websites:

- [NOAA HOME](#)
- [WEATHER](#)
- [OCEANS](#)
- [FISHERIES](#)
- [CHARTING](#)
- [SATELLITES](#)
- [CLIMATE](#)
- [RESEARCH](#)
- [COASTS](#)
- [CAREERS](#)

Below and to the right of the PCSRF heading are links to:

- **Definitions** – down-loadable data definitions for the PCSRF database in a .pdf format
- [Help](#) – this help document
- [LOGIN](#) – a login screen for users with privilege to add to and edit the data base (see the [PCSRF Technical User Guide](#) document or web help)

Below and to the left of the PCSRF heading are links to:

- [Home](#) – this PCSRF homepage
- [Projects](#) – custom report generation
- [Recovery Domains](#) – pre-generated reports by recovery domain
- [Map](#) – map display of project locations and details
- [Grantees](#) – listing of all grantees

NOAA HOME WEATHER OCEANS FISHERIES CHARTING SATELLITES CLIMATE RESEARCH COASTS CAREERS

NOAA FISHERIES PACIFIC COASTAL SALMON RECOVERY FUND
PROJECT AND PERFORMANCE METRICS DATABASE

Definitions Help LOGIN

Home Projects Recovery Domains Map Grantees

PCSRF Program Highlights

California and Southern Oregon
Evaluation of Fish Passage Projects in the South Coast and Rogue River Basins
OWEB designed an effectiveness monitoring project in the South Coast and Rogue River Basins to evaluate fish passage improvement projects implemented from 1995-2001.
The evaluation showed that juvenile salmonids were now present upstream of 83% of the fish improvement projects. Salmonids had not been in the streams prior to the projects.
Culvert after replacement

Browse Projects by Category

- Restoration Planning and Assessments
- Hatcheries and Harvest Management
- Habitat Restoration and Acquisition
- Research, Monitoring, and Evaluation
- Public Outreach, Education, and Landowner Recruitment
- Program Administration



Browse Projects by Recovery Domain


- Central Valley
- Interior Columbia
- N CA - S Oregon
- N Central California Coast
- N CA - S. OR and CA Coast
- Oregon Coast
- Puget Sound
- S. California - S. Central CA Coast
- Willamette R. - Lower Columbia
- Willamette and Interior Columbia

PROGRAM HIGHLIGHTS

PCSRF Program Highlights –

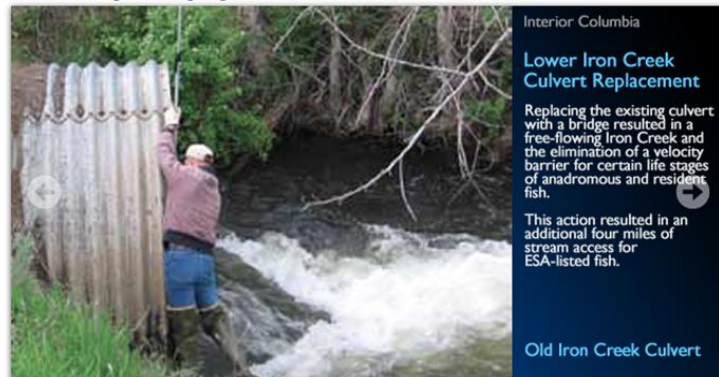
provides summaries of a few of the PCSRF Programs with pictures from selected sites.

The Program highlights are provided in slide-show format. You may simply watch the slide show at the default speed, or Click the arrows   that appear on the right and left sides of the picture to scroll through the highlights. Hover over the image to pause the slideshow. You may also Click the dots

 below the picture to move from one program highlight to another in any order.

Clicking a slide displays details about the highlighted project.

PCSRF Program Highlights



PCSRF Program Highlights



PCSRF Program Highlights



BROWSE PROJECTS BY CATEGORY AND RECOVERY DOMAIN

Browse Projects by Category –

Displays pre-filtered reports by categories. Move the cursor over a category. It will change from blue to black. Click the category link to display the **Project List** report with the Category filter entered.

Browse Projects by Category

- » [Restoration Planning and Assessments](#)
- » [Hatcheries and Harvest Management](#)
- » [Habitat Restoration and Acquisition](#)
- » [Research, Monitoring, and Evaluation](#)
- » [Public Outreach, Education, and Landowner Recruitment](#)
- » [Program Administration](#)

The **Project List** report will show the category you selected in the category field, and all projects for that category will display in the report. See the project report section for more details.

Project List

Recovery Domain: Category: Subcategory:

Grantee: Year: Search: Go

row(s) 1 - 11 of 11

Project ID	Grantee	Year	Project Name	Status	Category	Subcategory(s)	Recovery Domain(s)	Total Cost
AK45963	ADF&G	2008	NBTBR Sockeye Stock ID - Year 3	Ongoing	Salmonid Hatcheries and Harvest Management	Hatchery Production	-	\$372,653
priya test 10002	CDFW	2011	priya test 10002	New	Salmonid Hatcheries and Harvest Management	-	-	\$342,342
12345	Colville Hoopa Valley Tribe	2010	PriyaTest	New	Salmonid Hatcheries and Harvest Management	Hatchery Production	-	\$3,000
PriyaTest 27	CDFW Hoopa Valley Tribe	2010	PriyaTest —27	New	Salmonid Hatcheries and Harvest Management	Hatchery Production	-	\$0

row(s) 1 - 11 of 11

Browse Projects by Recovery Domain –

Displays pre-filtered reports by Recovery Domain, Move the cursor over a Recovery Domain. It will change from blue to black. Click the Recovery Domain link to display the Recovery Domain report with the Recovery Domain filter entered.

Browse Projects by Recovery Domain

- » [Central Valley](#)
- » [Interior Columbia](#)
- » [N CA - S Oregon](#)
- » [N. CA - S. OR and CA Coast](#)
- » [Oregon Coast](#)
- » [Puget Sound](#)
- » [S. California - S. Central CA Coast](#)
- » [Willamette R. - Lower Columbia](#)

The **Recovery Domain** report will show the Recovery Domain you selected in the **Browse Projects by Recovery Domain** menu and include Accomplishments, Funding Sources, ESUs, Funds by Category, and Projects within that domain. (See the **Recovery Domain** section for more details.)

Oregon Coast

From: 2005
To: 2010
Projects: 4

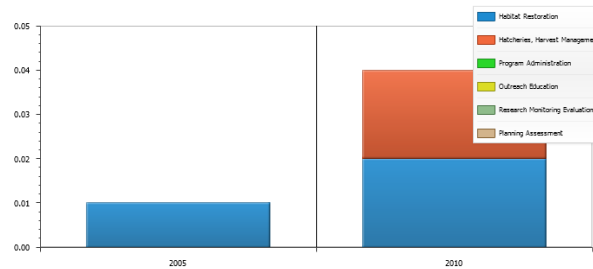
Accomplishments

Metric	Completed	Underway
Upland Habitat		
Acres Treated	0	3
Fish Screens		
Screens Installed	45	22

Funding Sources

Source	Funds
PCSRF	\$25,879
State	\$8,845
Other	\$795
In-Kind Volunteers	\$10,003
In-Kind Donated Labor	\$400
report total:	\$45,922

Total Funds by Category in Millions of \$
(Includes PCSRF, State, Other, and In-Kind funds)

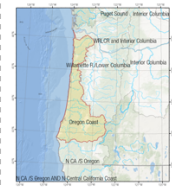


Projects

row(s) 1 - 4 of 4

Project ID	Grantee	Name	Year	Category	Subcategories	Total
Brendan nadu nadu	OWEB	Brendan test project again	2010	Salmonid Habitat Restoration and Acquisition	Fish Passage Improvement; Fish Screening; Instream Flow; Instream Habitat; Upland Habitat And Sediment	\$15,815
valhs_test upd upd	Cowlitz	valhs test project aaaaaaaaaaaa bbbbbbbbbbbb bbbbbbbb	2005	Salmonid Habitat Restoration and Acquisition	Fish Passage Improvement; Fish Screening; Instream Flow; Riparian Habitat	\$13,750
Brendan nada	CDFW	Brendan test nada project	2010	Salmonid Habitat Restoration and Acquisition	Instream Flow; Instream Habitat; Land or Easement Acquisition; Upland Habitat And Sediment	\$1,357
v2_project	Cowlitz Makah Tribe	aaaaaa	2010	Salmonid Hatcheries and Harvest Management	Fish Marking; Hatchery Production	\$15,000

row(s) 1 - 4 of 4



ESUs

Oregon Coast Coho

Oregon Coast
Funds by Category
in Millions of \$
(number of projects)

Click a Category to see projects by subcategory



Habitat Restoration and Acquisition (3)
Hatcheries and Harvest Management (1)

FACTORS LIMITING RECOVERY

Factors Limiting Recovery – This section highlights the limits to successful recovery such as stream flow, water quality and, hatchery and harvest effects.

This section provides a link to the [Salmon Population Summary](#) database, and a chart of the factors limiting recovery.

Clicking the **Limiting Factors** chart image at the bottom of the summary will display a larger version of the chart with all the columns displayed. Clicking the larger version will zoom in further. Clicking again will zoom back to the original size setting.

Click the **back** button on the browser to return to the home page.

Factors Limiting Recovery

Pacific salmon and steelhead are anadromous fish, meaning they migrate up rivers from the ocean to spawn in freshwater. These salmonids include pink, sockeye, chum, Chinook, and coho salmon, and steelhead trout. Of these, many populations of sockeye, chum, Chinook, coho, and steelhead are listed as threatened and endangered. The migratory ranges of these populations overlap, that is, the different species make use of some of the same freshwater habitat for rearing and spawning.

Salmon recovery on the Pacific Coast is organized by recovery domains. Domains represent geographically-based areas within which multi-species recovery plans for anadromous salmonids have been and are being developed in Washington, Oregon, California, and Idaho. The broad expanse of these domains reflect the complex life cycle of anadromous fish that spans inland streams and rivers, coastal estuaries, and ocean waters. The land area affected by ESA listings of salmon and steelhead on the Pacific Coast is vast, spanning approximately 176,000 square miles in Washington, Oregon, California, and Idaho (61% of Washington land area, 55% of Oregon, 32% of California, and 26% of Idaho).

Recovery plans for each domain address all salmon and steelhead populations within the geographic area. These plans have involved extensive stakeholder input to identify the specific factors limiting the recovery and sustainability of salmon populations for each DPS and ESU (see chart below). These factors represent many of the challenges to recovery that are being addressed through PCSRF investments. ESUs and DPSs are comprised of individual populations which are monitored within specific reaches of watersheds. Based on counts of these populations (data from NOAA Fisheries [Salmon Population Summary](#) database), the stability of individual populations is assessed, as is the aggregate health of the populations at the ESU/DPS level.

The table is titled "Limiting Factors" and is organized into several sections based on species and geographic area. The columns include: Geographic Area, Recovery Domain, ESU/DPS, Population, and a list of factors (e.g., Hatchery, Harvest, Stream Flow, Water Quality, etc.) with corresponding status indicators (e.g., Yes, No, N/A). The table is quite large and contains many rows of data.

PERFORMANCE REPORTING AND ACCOMPLISHMENTS

Performance Reporting – a brief summary of requirements for performance reporting.

Performance Reporting

All recipients of PCSRF funds are required to report on an extensive set of standard metrics. The sum of all these projects' metrics can be depicted in a series of "roll-up" measures that aggregate the accomplishments of many activities funded with PCSRF and state matching funds. The complete metrics for individual projects can be viewed on that project's details page.

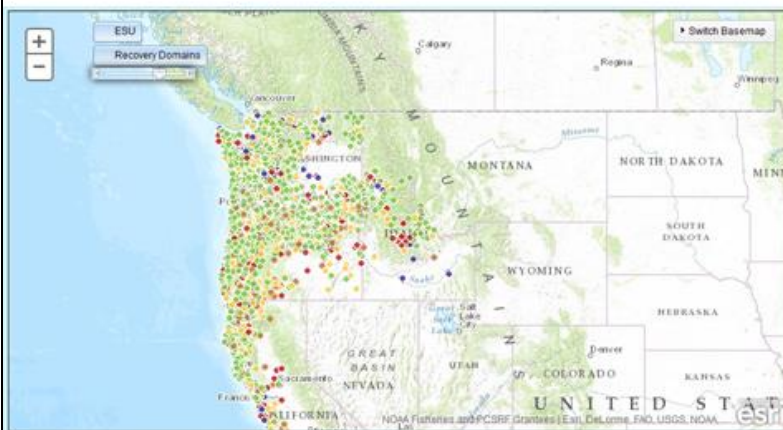
Cumulative Program-wide Accomplishments – a chart of PCSRF accomplishments indicating the performance metric, amount completed, and the amount underway (planned) but not yet completed.

Cumulative Program-wide Accomplishments

Metric	Completed	Underway
Instream Habitat		
Stream Miles Treated	1,573	819
Wetland Habitat		
Acres Created	218	5
Acres Treated	6,067	407
Estuarine Habitat		
Acres Created	2,304	0
Acres Treated	4,452	2,612
Land Acquisition		
Acres Acquired or Protected	152,684	9,831

Click the **Browse Projects on a Map** image to display the PCSRF project locations. (See the map section for details on using the map application in PCSRF).

PCSRF Projects and Salmon Evolutionarily Significant Units (ESUs)



DICTIONARIES AVAILABLE FOR DOWNLOAD

Click the items **Available for Download** to download:

- Ecological Concerns Data Dictionary
- Threats Data Dictionary
- Ecological Concerns to PCSRF Worktypes

Available for Download

- » [Ecological Concerns Data Dictionary](#)
- » [Threats Data Dictionary](#)
- » [Ecological Concerns to PCSRF Worktypes](#)

Ecological Concerns Data Dictionary – an Excel spreadsheet of Ecological Concerns such as Habitat Quantity, Injury and Mortality, and Food — *from Hamm, D.E., 2012. Development and Evaluation of a Data Dictionary to Standardize Salmonid Habitat Assessments in the Pacific Northwest. Fisheries 37, 6–18.*

1	Habitat Quantity	Insufficient quantity of total habitat or habitat diversity due to the elimination of access	Connectivity, Access, Structure, Simplification, Availability	1.1	Anthropogenic Barriers	Loss of access to habitat and/or habitat sub-type types due to anthropogenic activity includes partial or ephemeral barriers.	Access, Barriers, Flag Gates, Tidal Gates, Culverts, Obstacles, Obstructions, Passage Issues, Blocked	Compensation/Carrying Capacity/Spatial Structure and Diversity	1,4,5,8
				1.2	Natural Barriers	"Limiting natural" barriers to stream or estuary access, including waterfalls, sand bars, log jams, sufficiently steep banks, etc.	Water Falls, Sand Bar, Bar Breach, Log Jams, Deep Gradient, Thermal Barriers, Low Water	Compensation/Carrying Capacity	1,4,5,8
				1.3	HQ Competition	Reduction of habitat space and the protection from predators or physical forces it provides, due to the addition of nonnative salmonids.	Refugia, Hatchery Fish, Predation, Stocking, Swamping	Compensation/Carrying Capacity/Spatial Structure and Diversity	4,5,6
2	Injury and Mortality	Lethal and sub-lethal effects due to other organisms, including human activities	Death, Injury, Predation	2.1	Predation	Reduced salmonid predation or changes to the habitat that increase native predator numbers or increase predator efficiency.	Invasive/Exotic Fish or Invertebrate Predators Native Fish, Native Bird, Native Preybirds, Fishing	Density Dependent/Positive and Negative: at Low Abundance/High Abundance Effects	1,2,3,4,5,6,7,8
				2.2	Pathogens	Increased mortality due to disease causing organisms or parasites.	Disease, Sea Lice, Introduced Diseases, Native Diseases, Whirling Disease, Monobolus Cerebralis, Ceratomyxa, Sea Lice, Shortheaded sculpin (SCD), WHV, VHSV, Kudzu, Hemlock, White Spot, etc.	Negative Density Dependence: High Abundance Effects	1,2,4,5,6,7,8
				2.3	Mechanical Injury	Mortality or injury due to anthropogenic structures or as the result of mechanical forces due to anthropogenic structures.	Inadequate screening, Barging, Snagging, Stranding, Entanglement	Compensation/Carrying Capacity	4,5,6,8
				2.4	Contaminated Food	Increased mortality or injury due to negative affect of food. Includes persistent toxic substances that are	Bioaccumulation Toxicity, PBOEs, PCBs, Oil, Organochlorides, Pesticides	Density Independent	4,5,6,7
3	Food	Insufficient or inadequate food for salmonids	Competition, Prey Availability, Species Interactions	3.1	Altered Primary Productivity	Altered ecological dynamics affecting the quantity, quality and/or species composition of phytoplankton or detritus resulting in insufficient food due to the addition of competing salmonid stocks, species or	Micro and Macro Dental Inputs, Loss of Marine Derived Nutrients, Canneries, Down welling, Ocean Conditions, Detritus, Phytoplankton	Compensation/Carrying Capacity	4,5,6,7
				3.2	Food Competition	Reduced ecological dynamics affecting the species composition, distribution or nutritional quality of phytoplankton.	Hatchery Fish, Increased Natural Competitors, Invasive Species	Compensation/Carrying Capacity	4,5,6,7
				3.3	Altered Prey Species Composition and Diversity	Reduced ecological dynamics affecting the species composition, distribution or nutritional quality of phytoplankton.	Species Diversity, Prey Species Abundance, Invasive Species, Altered Food Web Dynamics	Compensation/Carrying Capacity	4,5,6,7
4	Riparian Condition	Degradation of the habitat adjacent to streams, rivers, lakes and nearshore environments; impairment of the near bank environment to support plants including large trees that help stabilize stream banks, etc.	Impaired Riparian Function/Condition, microclimate, lack of shade	4.1	Riparian Vegetation	Disturbance to streamside ecological relationships, including but not limited to loss of flora and increased light and temperatures	Bank degradation, Cover, Canopy, inability to supply organic matter and filter sediments, insufficient buffer, Light, Loss of natural shade	Compensation/Carrying Capacity/High Abundance Effects	1,2,3,4,5,6,8
				4.2	LWD Recruitment	Loss of mature streamside trees that may become instream structures and associated decline in habitat complexity	LWD supply, Mature riparian, Mature trees	Compensation/Carrying Capacity	1,2,3,4,5,6,8

Threats Data Dictionary – an Excel spreadsheet of threats to the salmon populations such as Harvests, Breeding Programs and Hatchery Releases.

C13 Threats due to the removal of wild produced salmonids for breeding programs.			
A	B	C	D
ID	Threats:	Definition:	Included Categories:
1	Commercial Harvest	The catching or collecting of salmonid for sale	size/age/trimming selection, Tribal Harvest, Commercial Fishing
2	Incidental Mortality Commercial Harvest	Injury or death to a species or stock of salmonid due to commercial fishing directed at a different species or stock	bycatch, Overharvest of mixed stocks, incident catch in hatchery targeted fishery
3	Sport Harvest	The catching or collecting of salmonids for recreation (not for resale)	Fishing
4	Catch and Release Mortality	The incidental injury or mortality to salmonids in a fishery that intends to leave fish unharmed	Sport, Commercial
5	Illegal Harvest	Fishing in violation of laws, rules, regulations or management, including unreported and misreported catch	Poaching, Over-harvest, Exceeding of Quota
6	Research, Management or Monitoring Mortality	Mortality, incidental or directed, that occurs during sanctioned research, management or monitoring activities	Trapping Mortality, Stocking Mortality, Weir Operation, Transportation survival
7	Prey Harvest	Insufficient salmonid prey due to human fishing	Sand Lance
8	Return of Hatchery Fish to Freshwater	Threats due to the return of hatchery fish to freshwater, including threats due to ecological interactions and direct interaction with wild salmonids	Genetic Masking, Hatchery Management, Recid Destruction by hatchery fish, Ineffective Harvest of Hatchery fish, Masking effects/inability to accurately count wild fish
9	Release of Hatchery Fish to Freshwater	Threats due to the release of hatchery produced salmonids into freshwater habitat, including threats due to ecological interactions	Swamping i.e. excessive release numbers Foreign Broodstock sources, Unnatural Hatchery rearing, domestication selection, Artificial Selection by hatchery personnel, limited Broodstock pairing, founder effects, Relaxed selection, increased stray rates, population mixing
10	Breeding Program	Threats to wild produced salmon due to differences in the genetic and demographic characteristics of hatchery produced salmonids	Swamping i.e. excessive release numbers Foreign Broodstock sources, Unnatural Hatchery rearing, domestication selection, Artificial Selection by hatchery personnel, limited Broodstock pairing, founder effects, Relaxed selection, increased stray rates, population mixing
11		Threats due to the structure and	Pollution, waste, drugs, Intake Mortality, management level, genetic, Broodstock

Ecological Concerns to PCSRF

Worktypes – a spreadsheet comparing types of work to factors such as Habitat Quantity, Injury and Mortality, and Food.

SUB-CATEGORY - WORK TYPE					
1	2	3	4	5	6
WORKTYPE	Habitat Quantity	Anthropogenic Barriers	Natural Barriers	HQ-Competition	Injury and Mortality
3 Estuarine / Nearshore - Beach Nourishment					
4 Estuarine / Nearshore - Channel Modification	1		1		
5 Estuarine / Nearshore - Contaminant Removal / Remediation					
6 Estuarine / Nearshore - Creation Of New Estuarine Area	1			1	
7 Estuarine / Nearshore - Culvert Modification / Removal	1	1		1	
8 Estuarine / Nearshore - Debris Removal			1		1
9 Estuarine / Nearshore - Dike Or Berm Modification / Removal	1				
10 Estuarine / Nearshore - Estuarine Plant Removal / Control					
11 Estuarine / Nearshore - Exclusion Devices					
12 Estuarine / Nearshore - Fill Placement					
13 Estuarine / Nearshore - Overwater Structure Removal / Modification					
14 Estuarine / Nearshore - Regrading Of Slope					
15 Estuarine / Nearshore - Removal Of Existing Fill Material			1	1	
16 Estuarine / Nearshore - Shoreline Armor Removal Or Modification					
17 Estuarine / Nearshore - Tidegate Alteration / Removal	1			1	
18 Fish Passage Improvement - Bridge Installed Or Improved	1		1		
19 Fish Passage Improvement - Culvert Installed Or Improved	1		1		
20 Fish Passage Improvement - Fish Ladder Installed / Improved	1		1		
21 Fish Passage Improvement - Fish Passage Blockages Removed Or Altered	1		1		
22 Fish Passage Improvement - Fishway Chutes Or Pools Installed	1		1		
23 Fish Passage Improvement - Road-Crossing Removal	1		1		
24 Fish Passage Improvement - Rocked Ford - Road Stream Crossing	1		1		
25 Fish Screening - New Fish Screens Installed					1
26 Fish Screening - Fish Screens Replaced Or Modified					1
27 Instream Flow - Irrigation Practice Improvement					
28 Instream Flow - Water Leased Or Purchased					
29 Instream Habitat - Beavers					
30 Instream Habitat - Channel Reconfiguration And Connectivity			1	1	
31 Instream Habitat - Channel Structure Placement				1	
32 Instream Habitat - Plant Removal/Control					
33 Instream Habitat - Predator Removal Project					
34 Instream Habitat - Spawning Gravel Placement					
35 Instream Habitat - Streambank Stabilization					
36 Riparian Habitat - Conservation Grazing Management					

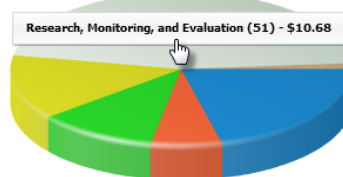
TOTAL FUNDS BY CATEGORY AND PROJECT COUNT BY SUBCATEGORY

Directly below the **Available for Download** table, is the **Total Funds by Category in Millions of \$**. Move the cursor over a slice on the pie chart or the legend below it to change the selected color and display the amount for that category.

Click a section of the pie chart to display the **Project Count by Subcategory** for the selected category.

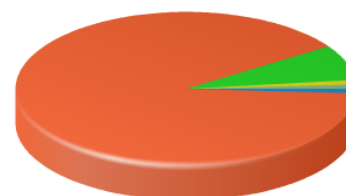
Clicking anywhere on the subcategory pie chart returns to the category pie chart.

Total Funds by Category
in Millions of \$
(number of projects)
Click a Category to see projects by subcategory



Project Count by Subcategory
in Millions of \$
for Hatcheries and Harvest Management

Note: projects may address more than one subcategory, so projects may be represented in more than one subcategory

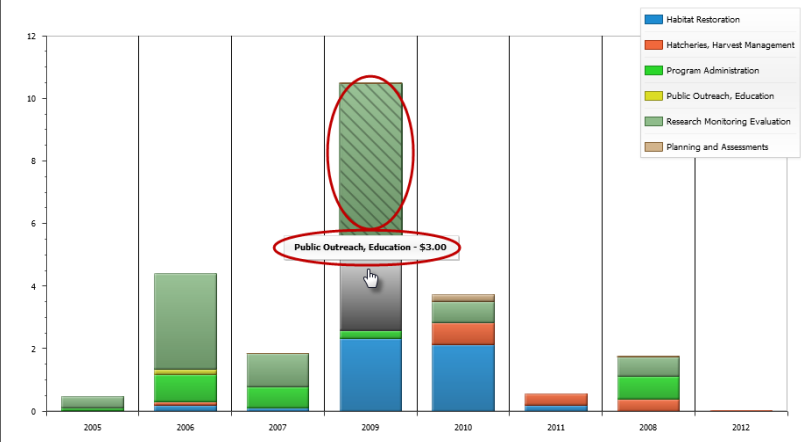


The **Total Funds by Category in Millions of \$** bar chart displays how funds were used on a per-year basis.

Moving the cursor over a bar section highlights that section in a graduated color. Clicking the section places a diagonal hatch on it.

Moving the cursor over the legend items in the upper corner highlights all the bar sections of that color.

Total Funds by Category in Millions of \$ (includes PCSRF, State, Other, and In-Kind funds)



PROJECTS

Click the **Projects** tab at the top of the PCSRF page and the **Project List** page will display.

On this page you can create customized reports of projects in the PCSRF database. These reports can be filtered using the drop-down criteria menus at the top of the report screen.

The screen displays 50 projects at a time. Click **Next** or **Previous** at the top or bottom of the report to view additional projects.

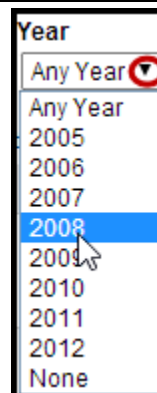
FILTERING PROJECT DATA

Item selection can be based on the **Recovery Domain, Category, Subcategory, Grantee, Year**, or a keyword **Search**. Click the down arrow below the heading and scroll down until you see the item you want. Click that item to select it. The screen (and each dropdown list) will refresh after each selection you make.

Recovery Domain – Click the down arrow to the right of **Any Recovery Domain** and select a domain from the dropdown list.

<p>Category – Click the down arrow to the right of Any Category and select a category from the dropdown list.</p>	<div data-bbox="703 195 1385 485"> <p>Category</p> <p>Any Category</p> <p>Any Category</p> <p>Salmonid Hatcheries and Harvest Management</p> <p>Salmonid Habitat Restoration and Acquisition</p> <p>Public Outreach, Education, and Landowner Recruitment</p> <p>Program Administration</p> <p>Salmonid Research, Monitoring, and Evaluation (RM&E)</p> <p>Salmonid Restoration Planning and Assessments</p> </div>
<p>Subcategory – Click the down arrow to the right of Any Subcategory and select a subcategory from the dropdown list.</p>	<div data-bbox="703 525 1385 1207"> <p>Subcategory</p> <p>Any Subcategory</p> <p>Any Subcategory</p> <p>B.1: Restoration Planning And Coordination</p> <p>B.2: Salmonid Habitat Assessment / Inventory</p> <p>C.10: Land or Easement Acquisition</p> <p>C.11: Site maintenance project</p> <p>C.12: Pre-Restoration Acquisitions And Nursery Operations</p> <p>C.1: Fish Screening</p> <p>C.2: Fish Passage Improvement</p> <p>C.3: Instream Flow</p> <p>C.4: Instream Habitat</p> <p>C.5: Riparian Habitat</p> <p>C.6: Upland Habitat And Sediment</p> <p>C.7: Water Quality</p> <p>C.8: Wetland</p> <p>C.9: Estuarine/Nearshore</p> <p>D.1: Hatchery Production</p> <p>D.2: Fish Marking</p> <p>D.3: Harvest Management</p> <p>D.4: Hatchery Reform and Assessment</p> <p>D.5: Alaska Salmon Fisheries Assistance</p> </div>
<p>Grantee – Click the down arrow to the right of Any Grantee and select a Grantee from the dropdown list.</p>	<div data-bbox="954 1251 1154 1787"> <p>Grantee</p> <p>Any Grantee</p> <p>Any Grantee</p> <p>OWEB</p> <p>ADF&G</p> <p>Round Valley</p> <p>CRITFC</p> <p>NWIFC</p> <p>Colville</p> <p>KRITFWC</p> <p>CDFW</p> <p>Cowlitz</p> <p>Coquille</p> <p>ID OSC</p> <p>Burns Paiute</p> <p>Chehalis</p> <p>WA RCO</p> </div>

Year – Click the down arrow to the right of **Any Year** and select a year from the dropdown list.



Click **Go** to display a filtered report on the projects using criteria entered in the Search box.

Click **Reset** to clear the filter criteria fields.

Click **Download** to download an Excel workbook of the projects report, including summary tables.

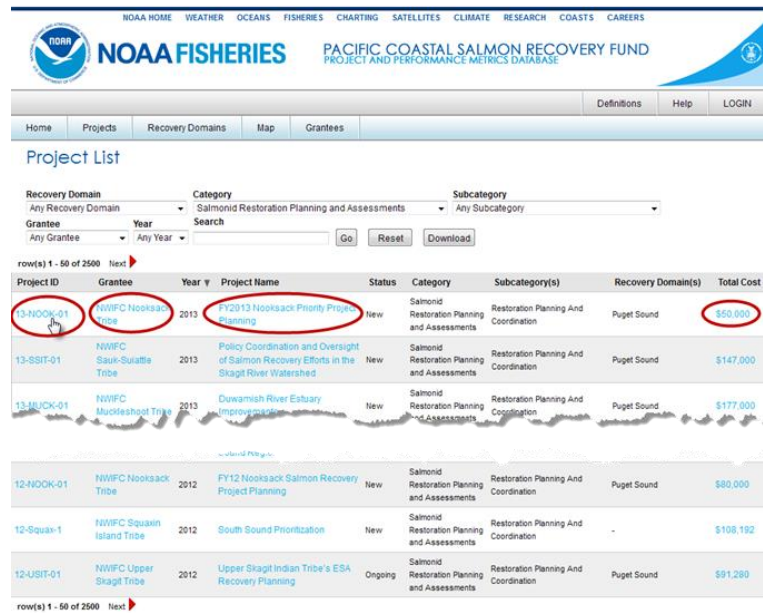


The Project list table has links (colored blue) to details. Moving the cursor over the link to a **Project Name** displays the description of the project or **Total Cost** displays all fund sources used for the project in a floating window on the screen. To sort the rows Click the column headers.

Project ID	Grantee	Year	Project Name	Status	Category	Subcategory(s)	Recovery Domain(s)	Total Cost
AC-1330	AYKSSI	2016	Early Marine Ecology of Juvenile Chinook Salmon	New	Salmonid Research, Monitoring, and Evaluation (RM&E)			\$25,000
13-NOOK-04	NWIFC Nooksack Tribe	2013	FY2013 Nooksack Salmon Monitoring	New	Salmonid Research, Monitoring, and Evaluation (RM&E)			\$25,000

Status	Category	Subcategory(s)	Recovery Domain(s)	Total Cost
juvenile	New	Salmonid Research, Monitoring, and Evaluation (RM&E)	-	\$914,366
PCSRF Funds : \$500,000				
State Funds : \$0				25,000
Other Direct Funds : \$350,602				
In-Kind Volunteer Funds : \$0				
In-Kind Donated Labor Funds : \$63,764				12,000
Other In-Kind Funds : \$0				

You can get additional detailed information on individual projects by Clicking the links for the **Project ID**, **Grantee**, **Project Name** and **Total Cost**.



NOAA HOME WEATHER OCEANS FISHERIES CHARTING SATELLITES CLIMATE RESEARCH COASTS CAREERS

NOAA FISHERIES PACIFIC COASTAL SALMON RECOVERY FUND
PROJECT AND PERFORMANCE METRICS DATABASE

Home Projects Recovery Domains Map Grantees Definitions Help LOGIN

Project List

Recovery Domain: Any Recovery Domain Category: Salmonid Restoration Planning and Assessments Subcategory: Any Subcategory

Grantee: Any Grantee Year: Any Year Search: Go Reset Download

row(s) 1 - 50 of 2500 next

Project ID	Grantee	Year	Project Name	Status	Category	Subcategory(s)	Recovery Domain(s)	Total Cost
13-NOOK-01	NWFC Nooksack Tribe	2013	FY2013 Nooksack Priority Project Planning	New	Salmonid Restoration Planning and Assessments	Restoration Planning And Coordination	Puget Sound	\$50,000
13-SSIT-01	NWFC Sauix-Suattle Tribe	2013	Policy Coordination and Oversight of Salmon Recovery Efforts in the Skagit River Watershed	New	Salmonid Restoration Planning and Assessments	Restoration Planning And Coordination	Puget Sound	\$147,000
13-MUCK-01	NWFC Mukleshoot Tribe	2013	Duwamish River Estuary Improvement	New	Salmonid Restoration Planning and Assessments	Restoration Planning And Coordination	Puget Sound	\$177,000
12-NOOK-01	NWFC Nooksack Tribe	2012	FY12 Nooksack Salmon Recovery Project Planning	New	Salmonid Restoration Planning and Assessments	Restoration Planning And Coordination	Puget Sound	\$80,000
12-SQUA-1	NWFC Squaxin Island Tribe	2012	South Sound Prioritization	New	Salmonid Restoration Planning and Assessments	Restoration Planning And Coordination	-	\$108,192
12-USIT-01	NWFC Upper Skagit Tribe	2012	Upper Skagit Indian Tribe's ESA Recovery Planning	Ongoing	Salmonid Restoration Planning and Assessments	Restoration Planning And Coordination	Puget Sound	\$91,280

row(s) 1 - 50 of 2500 next

PROJECT DETAILS

Clicking the **Project ID** or **Project Name** from the Project List page displays detailed information about the project.

The top portion of the project detail screen provides statistics about the project, such as the **Project Name**, **Project ID**, and **Recovery Domain**.

Below that is a full **Description** of the project and the **Project Benefits**. The proposed description and benefit are displayed for ongoing projects, while completed projects display the final actual description and benefit. Clicking these headings displays or hides them and places an up ▲ or down ▼ arrow next to the heading.

FY2013 Nooksack Salmon Monitoring

Project ID 13-NOOK-04
Recovery Domains -
Start Date 01/01/2014
End Date 12/31/2015
Year 2013
Status New
Last Edited 10/21/2013

Salmonid Research, Monitoring, and Evaluation (RM&E)



1 - 1

Description ▲

This project will help to fund two necessary components of Nooksack salmonid population monitoring: otolith analyses and spawner surveys. This project will fund the analysis of otoliths from spawned adult Chinook collected from spawning grounds in the North, Middle, and South Forks of the Nooksack River. Otolith analyses are performed by the WDFW Otolith Laboratory. Otoliths are sectioned, examined for otolith marks, and brood year is determined. The information is used to determine the origin and release strategy (location and timing) of chinook spawning in the Nooksack River and Forks. This project will also fund a Tribal fisheries crew to conduct spawner surveys for Nooksack steelhead. The current level of steelhead surveys by WDFW are inadequate to accurately characterize the abundance, extent, and timing of local populations. Specific work products include: Chinook otolith results; steelhead spawn survey data submitted to the WDFW spawn survey database; and chinook and steelhead escapement estimates.

Project Benefit ▲

The goal of salmon population monitoring is to ascertain the status and trend of local salmonid populations and evaluate the effects of hatchery programs. Otolith analyses are necessary to develop population-specific escapement estimates and stray rates for Nooksack early Chinook. Expansion of steelhead spawner surveys will also improve the accuracy of steelhead escapement estimates; analysis of collected tissues (funded separately) will increase understanding of genetic diversity and stock origin. Accurate escapement estimates are critical to inform harvest, hatchery, and habitat management activities in the basin. This project will address the limiting factor of lack of adequate information to support management decisions.

Below the **Project Benefit** text is a table listing project **Accomplishments** and **Funding Details**. The funding details show allocated funds for ongoing projects, while completed projects display the final actual funds spent.

Accomplishments

Metric	Completed	Originally Proposed
Research and Monitoring		
Stream Miles Monitored		75.00

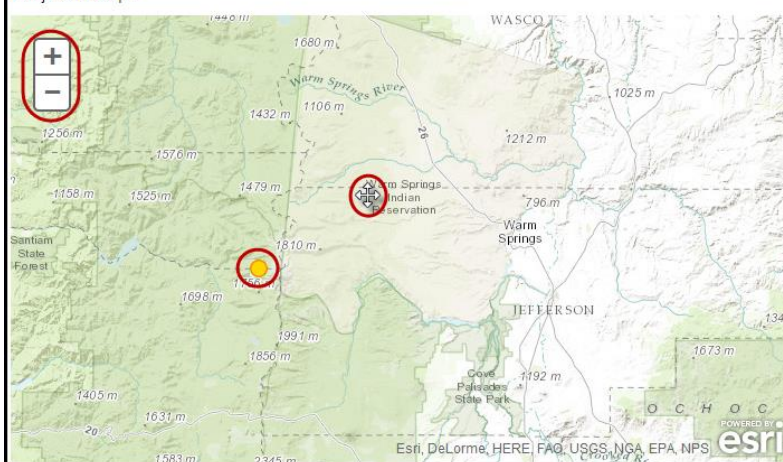
Funding Details

Source	Funds
PCSRF	\$25,000
report total:	\$25,000

Some of the project detail pages include maps of the project location. The **Project Map** displays the location of the selected project. Clicking the plus + or minus - symbols; clicking anywhere in the map and rotating the scroll wheel; or pressing the x/- keys will zoom in and out on the map. Double Clicking the map will also zoom in.

Placing the cursor on the map, holding down the left mouse key and dragging the cursor will re-position the map.

Project Map



At the bottom of the page is the **Worksites** section which displays data on the worksite such as the **Identifier**, **Start** and **End** dates, and an **Area Description**. Additionally, there is data on the **Worksite Location**, **ESU**, **Photos** of the location, and the project **Metrics**.

Worksites

20119561 ▲

Worksite Identifier: 20119561
Start Date:
End Date:

Area Description
No Area Description data was found for this worksite.

Location Information

Basin: Southeast Alaska
Subbasin:
Watershed:
Subwatershed:

State:
Recovery Domain:
Latitude:
Longitude:

ESU

No ESU data was found for this worksite.

Photos

Metrics

Metrics
E.O. Salmonid Research, Monitoring, and Evaluation (RM&E)
E.O.a RM&E Funding

Y (Y/N)
.00

There may be a second map on the Worksite portion of the screen. The second Map can be zoomed in or out, or dragged to a new location just like the **Project Map** above. Additionally, the smaller inset map can be used to re-position the main map. Place the cursor over the small rectangle inside the inset map hold down the left mouse button and drage the rectangle over the small map to change the view location; or click anywhere in the inset map to move to that location on the larger map.

Worksites

36890311

Worksite Identifier: 36890311
Start Date:
End Date:

Area Description
Nooksack River watershed

Location Information

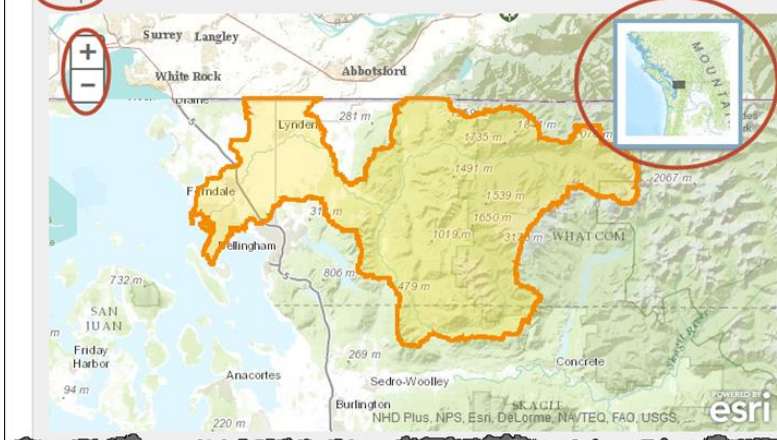
Basin: Puget Sound
Subbasin: 17110004
Watershed:
Subwatershed:

State: Washington
Recovery Domain:
Latitude: 48.987643221
Longitude: -122.373046875

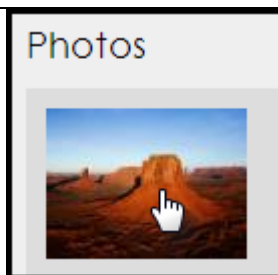
ESU

No ESU data was found for this worksite.

Map



Photos may be available for some projects. Clicking the thumbnail will display a full-sized photo.



Metrics provide details of specific subcategories that worksite addresses.

For items with an arrow, Clicking the arrow ▼ to the right will collapse the item, leaving a blank line. Click the blank line to restore the missing text.

Photos

Metrics

Metrics		
E.0	Salmonid Research, Monitoring, and Evaluation (RM&E)	Y (Y/N)
..E.0.a	RM&E Funding	.00
..E.0.b	Complement habitat restoration project	
..E.0.c	None	
..E.0.d.1	Project identified in a plan or watershed assessment.	
..E.0.d.2	WRIA 1 Salmonid Recovery Plan: 3-Year Implementation Programs.	
..E.0.e.1	Number of Cooperating Organizations	
..E.1	Name Of Cooperating Organizations.	
....E.1.a	WDFW, Lummi Nation	
....E.1.b.1	Number of reports prepared	
....E.1.b.3	Monitoring	Y (Y/N)
....E.1.c.1	Monitoring funding	
....E.1.c.1.a	Stream Miles Monitored	
....E.1.c.4	Square miles of water monitored	(Square miles)
....E.1.c.4.a	Adult salmonid population monitoring	Y (Y/N)
....E.1.c.5	# miles (to nearest 0.01 mile) monitored for adult salmonids	
....E.1.c.5.a	Redd counts	Y (Y/N)
....E.1.d	# miles (to nearest 0.01 mile) monitored for redds	
	Carcass counts	Y (Y/N)
	# miles (to nearest 0.01 mile) monitored for Carcasses	
	Name Of Comprehensive Monitoring Strategy/Program	
	WRIA 1 Salmon Recovery Board. 2005. WRIA 1 Salmonid Recovery Plan. Bellingham, WA.	

The right side the screen displays the **Grantee** information, including the **Grantee**, any **Subgrantees**, **Project Partners**, and **Project Contacts** are shown.

Clicking **(more)** displays the **Project List** screen once more, filtered to show all projects for that Grantee.

Grantee: ADF&G [\(more\)](#)

Project Partners

Division of Environmental Health

Project Contact

Kristin Ryan

Alaska Department of Environmental Conservation

555 Cordova St

Anchorage, AK 99501

(907) 269-7644

RECOVERY DOMAINS

Clicking the **Recovery Domains** tab displays a table listing the number of Projects, the Recovery Domains the time period: **From** and **To** of the grant, and the **Total Funds** that domain has been allocated.

Clicking the [blue Projects](#) number or the **Recovery Domain** name links displays the **Recovery Domain Details** report screen.

Home	Projects	Recovery Domains	Map	Grantees
------	----------	------------------	-----	----------

Recovery Domains

Projects	Recovery Domain ▲	From	To	Total Funds
56	Central Valley	2000	2011	\$8,575,389
2230	Interior Columbia	2000	2013	\$544,702,470
995	N CA - S Oregon	2000	2013	\$106,397,608
637	N Central California Coast	2000	2012	\$72,595,854
794	N. CA - S. OR and CA Coast	2000	2012	\$87,891,922
1357	Oregon Coast	2000	2013	\$204,803,864
1332	Puget Sound	2000	2013	\$387,958,668
295	S. California - S. Central CA Coast	2000	2012	\$46,206,682
1638	Willamette R. - Lower Columbia	2000	2013	\$314,947,768
19	Willamette and Interior Columbia	2002	2012	\$2,569,052

1 - 10

Clicking a **Recovery Domain** from the list opens the **Recovery Domain** detail page. At the top of the page is the domain name, beneath that are tables showing **Accomplishments** and the **Funding Sources** for the domain. The funding sources sums use allocated funds for ongoing projects, and final actual funds spent for completed projects.

On the right side of the screen is a column with a small map of the Recovery Domain region. Clicking the map will display a larger version. Clicking the larger map will zoom in on the area of the map clicked. Clicking a second time zooms out again. Click the **Back** button on your browser to return to the detail page.

Below the map, are the Salmon Evolutionarily Significant Units (**ESUs**) that fall within the Recovery Domain, followed by a pie chart showing **Funds by Category in Millions of \$(Dollars)**. Click a section of the pie chart to see **Funds by Subcategory in Millions of \$**. Moving the cursor over a section of the pie chart or over the colored blocks on the legend below it highlights the section of that color.

N Central California Coast

From: 2000
To: 2012
Projects: 637

Accomplishments

Metric	Completed	Underway
Instream Habitat		
Stream Miles Treated	73	42
Land Acquisition		
Acres Acquired or Protected	1	294
Stream Bank Miles Acquired or Protected	0	1
Riparian Habitat		
Stream Miles Treated	138	16
Acres Treated	2,934	94
Upland Habitat		
Acres Treated	2,018	12,195
Fish Passage		
Barriers Removed	7	7
Miles Opened	149	2,082
Hatchery Fish Marked		
Fry/Smolt Marked And Released	42,500	
Research and Monitoring		
Stream Miles Monitored	1,609	450
Planning and Assessment		
Stream Miles Assessed	560	140

Funding Sources

Source	Funds
PCSRF	\$48,757,777
State	\$17,863,662
Other	\$6,174,415
report total:	\$72,595,854



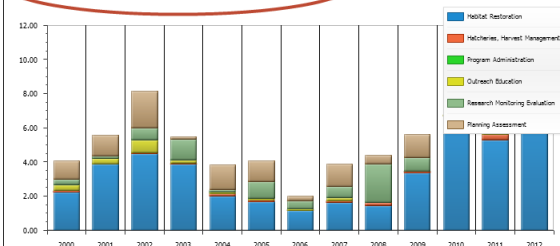
ESUs

California Coastal Chinook
Central California Coast Coho
Central California Coast Steelhead
DPS
Northern California Steelhead DPS

N Central California Coast
Funds by Category
in Millions of \$
(number of projects)
Click a Category to see projects by subcategory




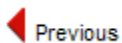
Total Funds by Category in Millions of \$
(Includes PCSRF, State, Other, and In-Kind funds)




Habitat Restoration and Acquisition (357)
Hatcheries and Harvest Management (23)
Public Outreach, Education, and Landowner Rec (49)
Research, Monitoring, and Evaluation (49)
Restoration Planning and Assessments (140)

The report section at the bottom of the web page displays the **Projects** associated with the selected Domain. Moving the cursor over project **Name** or **Total** fields displays a pop-up with details about the Project and its cost.


You can get additional detailed information on individual projects by Clicking the links for the **Project ID**, **Grantee**, Project **Name** and **Total** Cost.

Click **Next**  or **Previous**  links at the bottom or top of the report section to see more projects the Grantee is working on.

Projects



row(s) 1 - 50 of 637 [Next](#) 


Project ID	Grantee	Name	Year	Category	Subcategories	Total
724129	CDFW	Upper Noyo River Large Wood Enhancement Project-Phase II	2012	Salmonid Habitat Restoration and Acquisition	Instream Habitat	\$217,188
724157	CDFW	Little North Fork Noyo River Instream Coho Habitat Enhancement Project	2012	Salmonid Habitat Restoration and Acquisition	-	\$85,951
724089	CDFW	Coastal Mendocino County Salmonid Life Cycle and Regional Monitoring	2012	Salmonid Research, Monitoring, and Evaluation (RM&E)	Monitoring	\$2,246,180
723824	CDFW	Coho Salmon and Steelhead Trout Life Cycle Monitoring Station: Developing a Decision Matrix for Ass	2011	Salmonid Restoration Planning and Assessments	Restoration Planning And Coordination	\$69,105
723724	CDFW	Lansdale Fish Passage Improvement	2010	Salmonid Habitat Restoration and Acquisition	Fish Passage Improvement	\$632,291
723714	CDFW	Fish Ladder at Rubber Dam No. 1 and Flood Control Drop Structure – Construction Phase	2010	Salmonid Habitat Restoration and Acquisition	Fish Passage Improvement	\$1,000,000

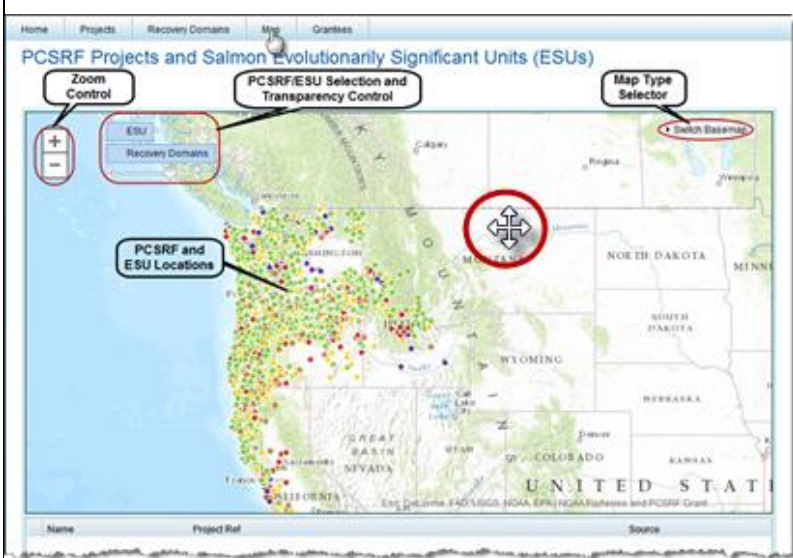
row(s) 1 - 50 of 637 [Next](#) 

PCSRF AND ESU MAPS

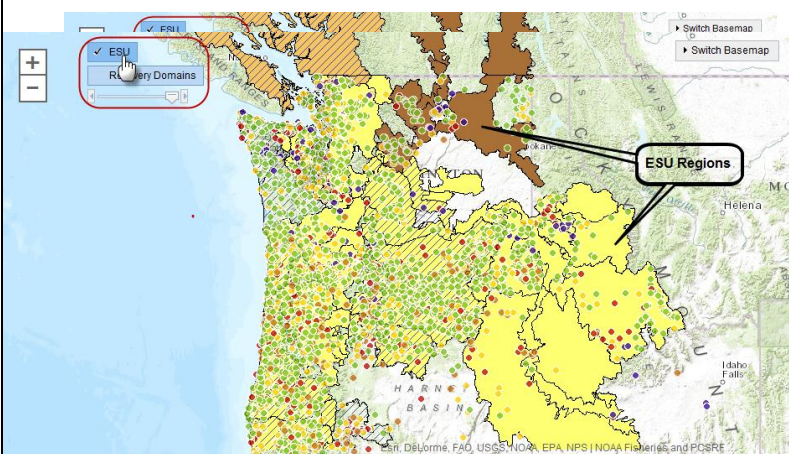
Click the **Map** tab to display a map with all PCSRF projects displayed.


On the left edge of the map is the **Zoom**. Use the plus  and minus  buttons to zoom in or out. Placing the cursor over an area on the map and double clicking will zoom in on that point. Or using the mouse wheel will also allow you to zoom in and out.

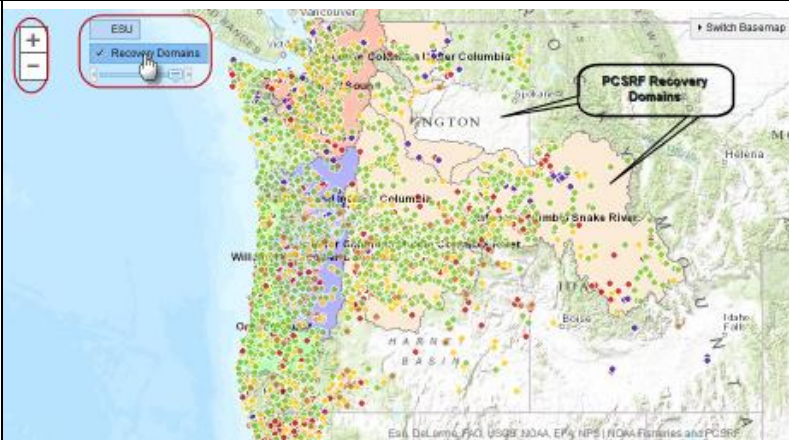
Position the mouse over the map and hold down the left mouse button, the cursor turns into cross  and the map will be drug in the direction the cursor is moved in.



This map includes both the [Pacific Coastal Salmon Recovery Fund projects](#) and [Pacific Salmonid ESUs](#) from the NOAA Fisheries Northwest Fisheries Science Center and Northwest Region. It displays projects from Alaska to Southern California when zoom and pan functions are used to display those areas.



To the right of the Zoom controls are the **PCSRF/ ESU** selection tools. **ESU** regions are displayed when the **ESU** box is checked. PCSRF regions are displayed when the **PCSRF** box is checked. The slide tool  allows the transparency of the **PCSRF/ ESU** regions to be changed so the map may be seen through the region overlays.



SWITCHING BASEMAPS

The upper right corner of the map has a button **Switch Basemap** for selecting different map types. You may choose from **Imagery**, **Imagery with Labels**, **Streets**, **Topographic**, **Terrain with Labels**, **Light Gray Canvas**, **National Geographic**, **Oceans**, and **OpenStreetMap**.

Imagery displays a Satellite view of the map area.

Imagery with Labels displays a Satellite view of the map area with labels.

Streets displays streets, highways and roads (zoom in for more road detail)

Topographic displays more detailed topography (again, use zoom for more detail)

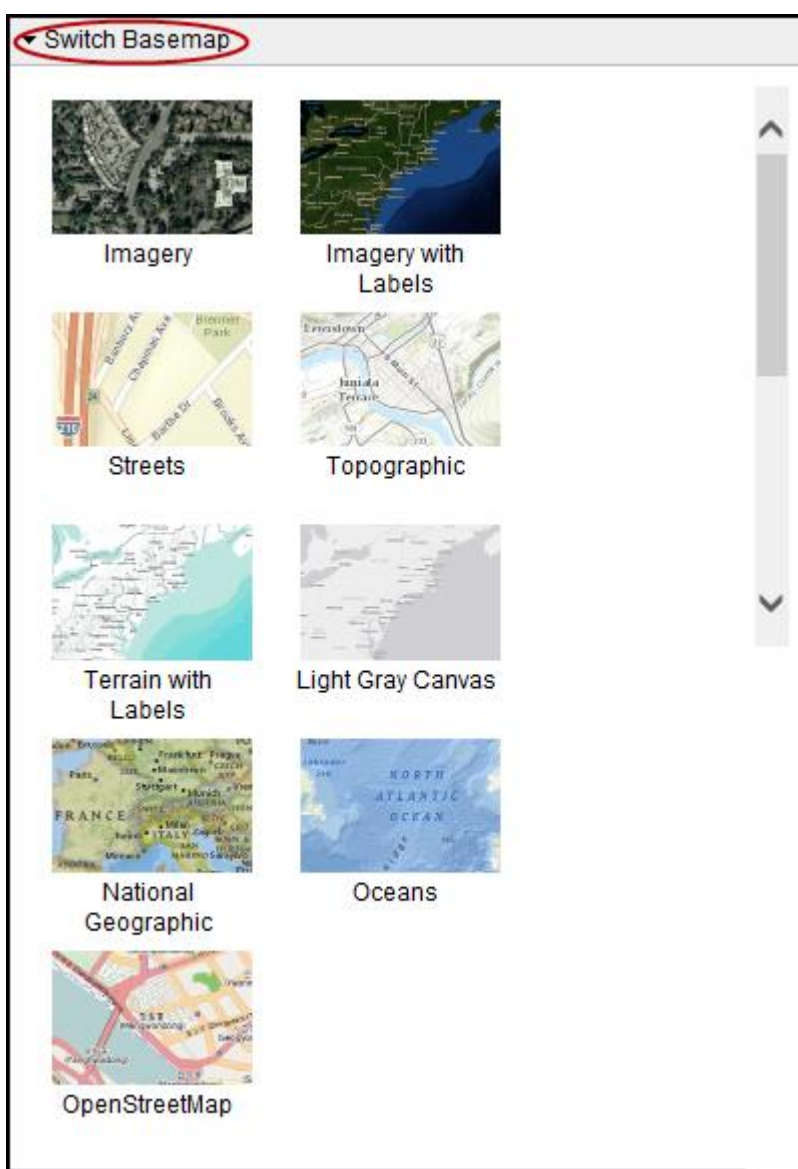
Terrain with Labels displays a topographic-type map with labels

Light Gray Canvas displays an outline map with little detail

National Geographic displays a topographic map with format similar to a National Geographic map.

Oceans displays a topographic map of the ocean floor

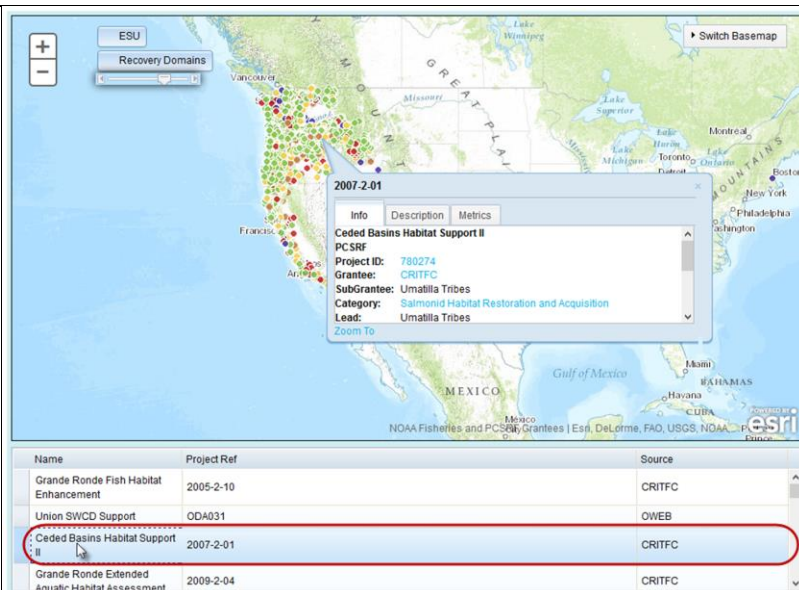
OpenStreetMap displays a street map with highways, streets and roads labeled.



PROJECT REPORT AND DETAIL POP-UP

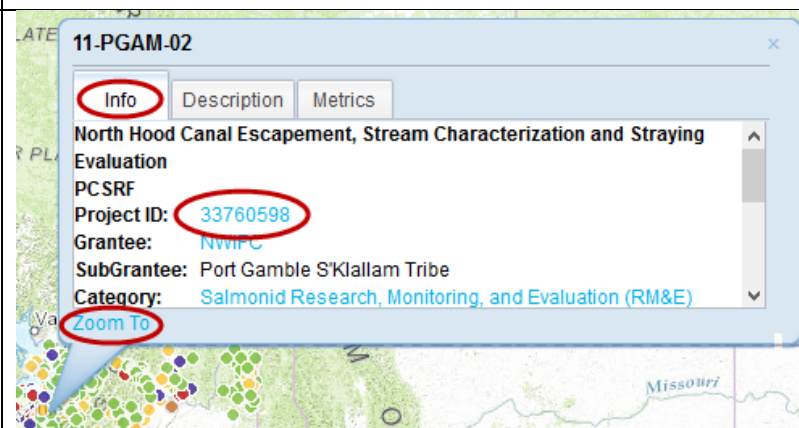
A single Click a map area with multiple, over-lapping projects will display a report of **Projects** in the area below the map. Use the scroll bar to find the project you require.

Left Click the table row to see a tabbed, detailed popup of the selected project.

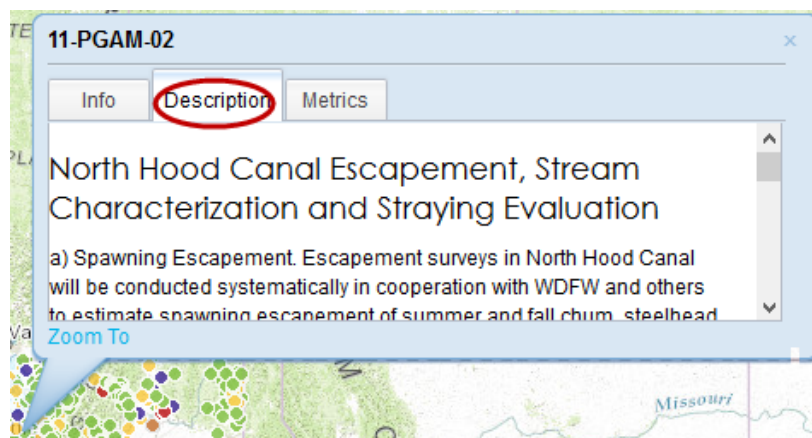


The popup has three tabs: **Info**, **Description** and **Metrics**

The **Info** tab provides summary information about the project such as **Name** and **Project ID**, **Grantee**, **Year Funded** and **Category**. Clicking the (blue) text displays detailed reports on the **Project**, its **Grantee**, **Year Funded** and the project **Category**. Clicking **Results** restores the Projects Returned table. Clicking **Zoom To** displays an enlarged project area in the map.




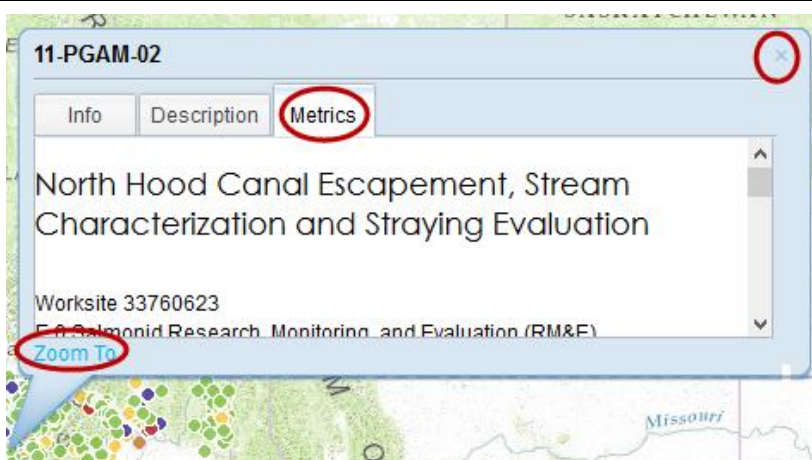
Clicking the **Description** tab displays details of the selected project. Use the scroll bars or scroll wheel to move up or down.



Clicking the **Metrics** tab displays metrics such as **Proposed** and **Actual Funding** of the selected project. Use the scroll bars or scroll wheel to move up or down.

Clicking **Zoom To** will enlarge the map area to provide a better view of the nearby terrain.

Click the X  to close the popup.

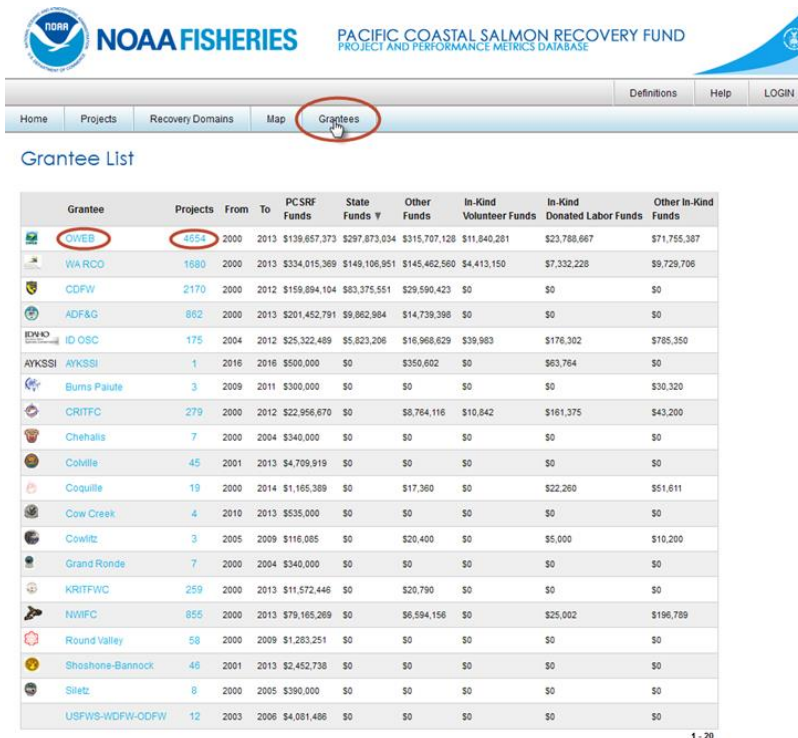


GRANTEES' LIST

Clicking the **Grantees** button displays a list of all the PCSRF **Grantees**, the number of **Projects** they have, the years covered, and the fund sources and amounts. The funding sums use allocated funds for ongoing projects, and final actual funds spent for completed projects.

Clicking the (blue) **Grantee** name displays the report on that Grantee.

Clicking the **Projects** number displays the PCSRF detail report filtered by **Grantee**.



Grantee	Projects	From	To	PCSRF Funds	State Funds	Other Funds	In-Kind Volunteer Funds	In-Kind Donated Labor Funds	Other In-Kind Funds
OWEB	4654	2000	2013	\$139,657,373	\$297,873,034	\$315,707,128	\$11,840,281	\$23,788,667	\$71,755,387
WARCO	1680	2000	2013	\$334,015,369	\$148,106,951	\$145,462,560	\$4,413,150	\$7,332,228	\$9,729,706
CDPW	2170	2000	2012	\$159,894,104	\$83,375,551	\$29,590,423	\$0	\$0	\$0
ADF&G	862	2000	2013	\$201,452,791	\$9,862,904	\$14,739,398	\$0	\$0	\$0
ID OSC	175	2004	2012	\$25,322,489	\$5,823,206	\$16,968,629	\$39,983	\$176,302	\$785,350
AYKSSI	1	2016	2016	\$500,000	\$0	\$350,602	\$0	\$63,764	\$0
Burns Paiute	3	2009	2011	\$300,000	\$0	\$0	\$0	\$0	\$30,320
CRITFC	279	2000	2012	\$22,956,670	\$0	\$8,764,116	\$10,842	\$161,375	\$43,200
Chehalis	7	2000	2004	\$340,000	\$0	\$0	\$0	\$0	\$0
Colville	45	2001	2013	\$4,709,919	\$0	\$0	\$0	\$0	\$0
Coquille	19	2000	2014	\$1,165,389	\$0	\$17,360	\$0	\$22,260	\$51,611
Cow Creek	4	2010	2013	\$535,000	\$0	\$0	\$0	\$0	\$0
Cowlitz	3	2005	2009	\$116,085	\$0	\$20,400	\$0	\$5,000	\$10,200
Grand Ronde	7	2000	2004	\$340,000	\$0	\$0	\$0	\$0	\$0
KRITFC	259	2000	2013	\$11,572,446	\$0	\$20,790	\$0	\$0	\$0
NWFC	855	2000	2013	\$79,165,269	\$0	\$6,594,156	\$0	\$25,002	\$196,789
Round Valley	58	2000	2009	\$1,283,251	\$0	\$0	\$0	\$0	\$0
Shoshone-Bannock	46	2001	2013	\$2,452,738	\$0	\$0	\$0	\$0	\$0
Siletz	8	2000	2005	\$390,000	\$0	\$0	\$0	\$0	\$0
USFWS-WDFW-ODFW	12	2003	2006	\$4,081,486	\$0	\$0	\$0	\$0	\$0


GRANTEE DETAILS

Clicking the **Grantee** name on the **Project List** report displays the **Grantee Details** screen. The top of this screen provides data on individual **Grantees**, **Grantee Info**, their **Accomplishments** and **Funding Sources**.

In the right column is a list of **Subgrantees** (where applicable), followed by the grantee's **Funds by Category**, which displays a pie chart showing the distribution of funds. Move the cursor over a section of the **Total Funds by Category in Millions of \$** pie chart or the legend below it to change the selected color and display the actual amount for that category.

Click a section of the pie chart to display the **Funds by Subcategory in Millions of \$** for the selected category. Clicking the **Subcategory** pie chart returns to the category pie chart.

On the left, below the Grantee Information section, are tables showing the **Grantee's Accomplishments** and **Funding Sources**. The **Funding Sources** sums use allocated funds for ongoing projects, and final actual funds spent for completed projects.



From: 2000
To: 2013
Web URL: www.nwifc.org

Address:
 6730 Martin Way E.
 Olympia, WA 98516
 (360) 438-1180
 contact@nwifc.org

Contact:

Grantee Info

The Northwest Indian Fisheries Commission (NWIFC) is a support service organization for 20 treaty Indian tribes in western Washington. Headquartered in Olympia, the NWIFC employs approximately 65 people with satellite offices in Mount Vernon and Forks.

The NWIFC was created following the U.S. v. Washington ruling (Boldt Decision) that re-affirmed the tribes' treaty-reserved fishing rights and established them as natural resources co-managers with the State of Washington. The commission is composed of representatives from each member tribe who elect a chair, vice chair and treasurer. Commissioners provide direction to the NWIFC executive director, who in turn implements that direction.

The role of the NWIFC is to assist member tribes in their role as natural resources co-managers. The commission provides direct services to tribes in areas such as biometrics, fish health and salmon management to achieve an economy of scale that makes more efficient use of limited federal funding. The NWIFC also provides a forum for tribes to address shared natural resources management issues and enables the tribes to speak with a unified voice in Washington, D.C.

Subgrantees

- Hoh Tribe
- Jamestown Sklallam Tribe
- Lower Elwha Klallam Tribe
- Lummi Nation
- Makah Tribe
- Muckleshoot Tribe
- Nisqually Tribe
- Nooksack Tribe
- Port Gamble Sklallam Tribe
- Puyallup Tribe
- Quileute Tribe
- Quinault Nation
- Sauk-Suiattle Tribe
- Skagit River System Cooperative
- Skagit System Cooperative
- Skokomish Tribe
- Squatin Island Tribe
- Stillaguamish Tribe
- Suquamish Tribe
- Swinomish Tribe
- Tulalip Tribe
- Upper Skagit Tribe

Accomplishments


Metric	Completed	Underway
Instream Habitat		
Stream Miles Treated	23	254
Wetland Habitat		
Acres Created	1	
Acres Treated	8	
Estuarine Habitat		
Acres Created	1	
Acres Treated	11	2
Land Acquisition		
Acres Acquired or Protected	494	
Stream Bank Miles Acquired or Protected	7	
Riparian Habitat		
Stream Miles Treated	922	1
Acres Treated	1,708	16
Upland Habitat		
Acres Treated	0	28
Fish Passage		
Barriers Removed	1	7
Miles Opened	66	4
Hatchery Fish Marked		
Fry/Smolt Marked And Released	0	700,000
Research and Monitoring		
Stream Miles Monitored	24,831	4,866
Planning and Assessment		
Stream Miles Assessed	2,702	

Funding Sources

Source	Funds
PCSRF	\$79,003,379
Other	\$6,594,156
In-Kind Donated Labor	\$25,002
In-Kind Other	\$196,789
report total:	\$85,819,326

NWIFC Funds by Category in Millions of \$ (number of projects)

Click a Category to see projects by subcategory

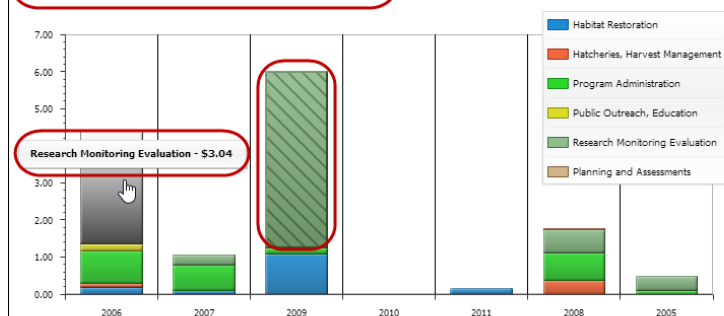


- Habitat Restoration and Acquisition (135)
- Hatcheries and Harvest Management (136)
- Program Administration (13)
- Public Outreach, Education, and Landowner Rec (26)
- Research, Monitoring, and Evaluation (26)
- Restoration Planning and Assessments (259)

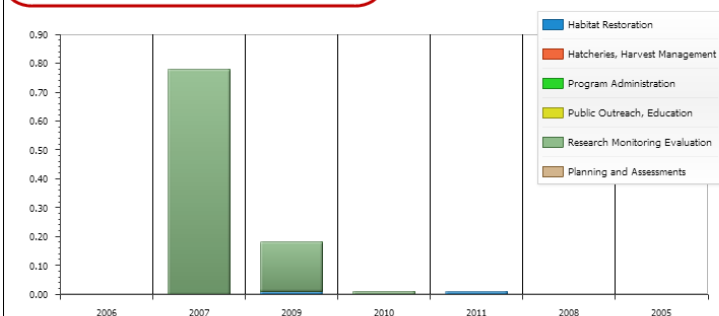
Following the **Accomplishments** and **Funding Sources** is a bar chart displaying **PCSRF Funds by Category (in Millions of \$)**.

Moving the cursor over a section of the bar highlights that section in a graduated color. Clicking the section places a diagonal hatch on it. Moving the cursor over the legend items in the upper right corner highlights all the bar sections of that color.

PCSRF Funds by Category (in Millions of \$)



State Funds by Category (in Millions of \$)



The **Projects list** has links to the Grantee's project details (colored blue). Moving the cursor over the link to a **Project Name** or **Total Cost** displays detailed information in a popup on the screen. You can get additional detailed information on individual projects by Clicking the links for the **Project ID**, **Project Name** and **Total Cost**.

Click **Next** or **Previous** links at the bottom or top of the report section to see other projects the **Grantee** is supporting.

Projects

row(s) 1 - 50 of 73 [Next](#)

Project ID	Name	Category	Subcategory(s)	Recovery Domain(s)	Year	Status	Total Funds
Priya Test 103	Priya Test 103 ed	Salmonid Research, Monitoring, and Evaluation (RM&E)	Monitoring; Research	Interior Columbia, Willamette R. - Lower Columbia	2010	New	\$11,000
AK44509	Chignik Inseason Genetics	Salmonid Research, Monitoring, and Evaluation (RM&E)	-	-	2009	Ongoing	\$164,281
1 a < btest edited	brendan> test proj	Salmonid Habitat Restoration and Evaluation (RM&E)	Fish Passage Improvement; Instream Habitat; Land or	Interior Columbia	2010	Ongoing	\$88
AK45131E	The Yukon River Drainage Fisheries Association (YRDLFA): Fisheries Management Participation	Public Outreach, Education, and Landowner Recruitment	-	-	2006	Ongoing	\$181,871
AK44517	West Cook Inlet Chinook Baseline	Salmonid Research, Monitoring, and Evaluation (RM&E)	-	-	2009	Ongoing	\$183,197

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